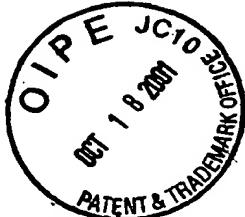


IMEC214.001AUS



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Ha, et al.)
App. No.	:	09/886,533)
Filed	:	June 20, 2001)
For	:	VIRTUAL HARDWARE MACHINE, METHODS, AND DEVICES)
Examiner	:	Unknown)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, Customer No. 20,995, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and

App. No. : 09/886,533
Filed : June 20, 2001

Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use Customer No. 20,995 for all communications.

Interuniversitair Microelektronica Centrum (IMEC)

Dated: 21 September 2001

By: Vincent Ryckaert

Title: Patent Officer, empowered by corporate resolver

Address: Kapeldreef 75
B-3001 Leuven, Belgium

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Application No.: 09/886,533
Filing Date: June 20, 2001

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Page 1

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ASSIGNMENT

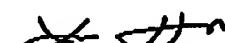
WHEREAS, We, Yajun Ha, a China citizen, residing at 95 Chen Lan Road, Changsha, Hunan 410002, P.R. China, Patrick Schaumont, a Belgian citizen, residing at Nieuwstraat 16, 3018 Wijgmaal, Belgium, Serge Vernalde, a Belgium citizen, residing at Celestijnenlaan 13/11, 3001 Leuven, Belgium, Marc Engels, a Belgium citizen, residing at Rotselaarsesteenweg 188, 3018, have invented certain new and useful improvements in a VIRTUAL HARDWARE MACHINE, METHODS, AND DEVICES for which we have filed an application for Letters Patent in the United States, Application No.09/886,533, Filing Date June 20, 2001;

AND WHEREAS, Interuniversitair Microelektronica Centrum (IMEC) (hereinafter "ASSIGNEE"), a Corporation, with its principal place of business at Kapeldreef 75, B-3001 Leuven, Belgium, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all rights of Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of September, 2001.



Yajun Ha

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20____.

Patrick Schaumont

Application No.: 09/886,533
Filing Date: June 20, 2001

PATENT
Client Code: IMEC214.001AI S
Page 1

ASSIGNMENT

Nieuw Kalfstraat 34A, 9030 Maastricht

WHEREAS, We, Yajun Ha, a China citizen, residing at 95 Chen Lan Road, Changsha, Hunan 410002, P.R. China, Patrick Schaumont, a Belgian citizen, residing at Nieuwstraat 16, 3018 Wijgmaal, Belgium, Serge Vernalde, a Belgium citizen, residing at Celestijnenlaan 13/11, 3001 Leuven, Belgium, Marc Engels, a Belgium citizen, residing at Rotselaarsesteenweg 188, 3018, have invented certain new and useful improvements in a VIRTUAL HARDWARE MACHINE, METHODS, AND SYSTEMS which we have filed an application for Letters Patent in the United States, Application No.09/886,533, Filing Date: June 20, 2001.

AND WHEREAS, Interuniversitair Microelektronica Centrum (IMEC) (hereinafter "ASSIGNEE"), a Corporation, with its principal place of business at Kapeldreef 75, B-3001 Leuven, Belgium, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20____.

Yajun Ha

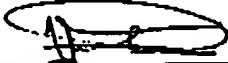
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of September, 2001.

Patrick Schaumont

Application No.: 09/886,533
Filing Date: June 20, 2001

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Client Code: IMEC214.00.AUS
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13th day of September, 2001


Steve Vermaile

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13th day of September, 2001


Marc Engels

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